

CLAIMS

1. Composition comprising the following compounds:
  - a) a polyolefin chosen from the group consisting of polyethylene and polypropylene,
  - b) a polyorganosiloxane,
  - c) an ester of a copolymer obtained from an  $\alpha$ -olefin comprising between 10 and 24 carbon atoms and from an unsaturated dicarboxylic acid.
2. Composition according to Claim 1, characterized in that the compound a) is a polyethylene wax.
3. Composition according to Claim 1 or 2, characterized in that the compound a) is a polyethylene wax exhibiting a melting point of between 110 and 150°C, preferably of between 120 and 150°C.
4. Composition according to one of the preceding claims, characterized in that the compound b) is a silicone oil exhibiting a viscosity at 20°C of between 100 and 1000 mPa·s.
5. Composition according to one of the preceding claims, characterized in that it comprises:
  - $x\% = 10$  to 50% by weight of compound a), with respect to the total weight of the compounds a), b) and c) of the composition,
  - $y\% = 10$  to 50% by weight of compound c), with respect to the total weight of the compounds a), b) and c) of the composition,
  - $z\% = 100 - (x+y)\%$  by weight of compound b), with respect to the total weight of the compounds a), b) and c) of the composition.
6. Composition according to Claim 5, characterized in that x is between 20 and 40% and y is between 20 and 40%.
7. Composition according to one of the preceding claims, characterized in that the composition additionally comprises a sizing composition.

8. Composition according to one of the preceding claims, characterized in that it is in the form of an emulsion in a liquid.
9. Composition according to Claim 8, characterized in that the liquid is water.
10. Yarns, fibres or filaments, characterized in that they are treated using the composition according to one of Claims 1 to 9.
11. Yarns, fibres or filaments according to Claim 10, characterized in that they are based on thermoplastic polymer.
12. Yarns, fibres or filaments according to Claim 11, characterized in that they are based on polyester or on polyamide.
13. Yarns, fibres or filaments according to one of Claims 10 to 12, characterized in that the composition present at the surface of the yarn represents between 1 and 5%, with respect to the weight of the yarn.
14. Yarns, fibres or filaments according to one of Claims 10 to 13, characterized in that these are yarns exhibiting an overall count of between 700 and 2500 dtex.
15. Yarns, fibres or filaments according to one of Claims 10 to 14, characterized in that these are yarns exhibiting a strand count of between 3 and 9 dtex.
16. Process for the preparation of yarns, fibres or filaments according to one of Claims 10 to 15 comprising the following stages:
  - 1) spinning the constituent material of the yarn,
  - 2) optionally drawing the yarn,
  - 3) optionally texturing the yarn,characterized in that the yarn is treated using the composition according to Claim X during the process.
17. Process according to Claim 16, characterized in that the material is a thermoplastic polymer and in that stage 1) is a melt spinning of the polymer.

18. Process according to Claim 16 or 17, characterized in that the treatment stage is carried out after stages 2) and 3).

5 19. Process according to Claim 16 or 17, characterized in that the treatment stage is carried out before stages 2) and 3).

10 20. Rope, cable or line, characterized in that it comprises at least yarns, fibres or filaments according to one of Claims 10 to 15 or yarns, fibres or filaments obtained by the process according to one of Claims 16 to 19.

21. Use of the rope according to Claim 20 in mooring or anchoring arrangements for boats, ships, floating landing stages, light pontoons, or anchor, navigation or marker buoys.

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22. Use of the rope according to Claim 20 in the field of climbing.